

| L Number | Hits | Search Text | DB | Time stamp |
|----------|------|---|---|---------------------|
| 1 | 2898 | plasma adj density | USPAT | 2004/02/05 09:08 |
| 2 | 1911 | (plasma adj density) and semiconductor | USPAT | 2004/02/05 09:09 |
| 3 | 1018 | ((plasma adj density) and semiconductor) and (oxygen or O7sub.2) | USPAT | 2004/02/05 09:09 |
| 4 | 545 | ((plasma adj density) and semiconductor) and (oxygen or O7sub.2) and (photo\$resist or resist) | USPAT | 2004/02/05 09:10 |
| 5 | 12 | Ishihara-Shigenori.in. | USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM TDB | 2004/02/05 11:00 |
| 8 | 2225 | (resist or photo\$resist) same (ash or ashing) same (oxygen or O7sub.2) | USPAT | 2004/02/05 11:31 |
| 9 | 6 | ((resist or photo\$resist) same (ash or ashing) same (oxygen or O7sub.2)) and (fluorine near4 "%") | USPAT | 2004/02/05 11:02 |
| 10 | 1343 | ((resist or photo\$resist) same (ash or ashing) same (oxygen or O7sub.2)) and (fluorine or CF7sub.4 or SF7sub.6) | USPAT | 2004/02/05 11:04 |
| 14 | 1100 | ((resist or photo\$resist) same (ash or ashing) same (oxygen or O7sub.2)) and (fluorine or CF7sub.4 or SF7sub.6) and plasma and &ay<=2000 | USPAT | 2004/02/05 11:05 |
| 15 | 578 | ((resist or photo\$resist) same (ash or ashing) same (oxygen or O7sub.2)) and (fluorine or CF7sub.4 or SF7sub.6) and plasma and &ay<=2000) and (dope or doping or dopant or implant\$3 or implantation) | USPAT | 2004/02/05 11:13 |
| 16 | 142 | ((resist or photo\$resist) same (ash or ashing) same (oxygen or O7sub.2)) and (fluorine or CF7sub.4 or SF7sub.6) and plasma and &ay<=2000) and (dope or doping or dopant or implant\$3 or implantation) and (photo\$resist or resist or photo\$ensitive).ab. | USPAT | 2004/02/05 11:14 |
| 17 | 5 | "4511430" "5226056" "5503964" "5795831" "5811358".PN. | USPAT | 2004/02/05 11:27 |
| 18 | 15 | "4123841" "4514254" "4670091" "4903254" "5077598" "5122225" "5348619" "5358602" "5451291" "5485304" "5497262" "5512507" "5521104" "5526951" "5573971".PN. | USPAT | 2004/02/05 11:30 |
| 19 | 80 | ((resist or photo\$resist) same (ash or ashing) same (oxygen or O7sub.2)) and ((fluorine\$ or CF7sub.4 or SF7sub.6) with (percent or "%" or percentage)) | USPAT | 2004/02/05 11:31 |
| 20 | 71 | ((resist or photo\$resist) same (ash or ashing) same (oxygen or O7sub.2)) and ((fluorine\$ or CF7sub.4 or SF7sub.6) with (percent or "%" or percentage)) and &ay<=1999 | USPAT | 2004/02/05 11:32 |
| - | 3838 | (resist or photo\$resist) same (ash or ashing) | USPAT | 2004/01/14 13:41 |
| - | 2210 | (resist or photo\$resist) same (ash or ashing) same (oxygen or O7sub.2) | USPAT | 2004/02/05 11:01 |
| - | 2412 | (resist or photo\$resist) same (ash or ashing) same (oxygen or O7sub.2 or CO or NO or (nitrogen adj oxide)) | USPAT | 2004/01/14 13:44 |
| - | 1045 | ((resist or photo\$resist) same (ash or ashing) same (oxygen or O7sub.2 or CO or NO or (nitrogen adj oxide))) and (doping or dopant or implant or implanting or implanted) | USPAT | 2004/01/14 13:45 |

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| 247 | ((((semiconductor and ((oxygen\$ or O7sub.2) with (hydrogen\$ or H7sub.2) with (fluorine\$))) and (implant\$3 or ion\$implant\$3 or doped or doping or dopant)) and plasma) and (resist or photo\$resist or photo\$lsensitive or organic) | USPAT | 2004/01/21 15:22 |
| 238 | ((((semiconductor and ((oxygen\$ or O7sub.2) with (hydrogen\$ or H7sub.2) with (fluorine\$))) and (implant\$3 or ion\$implant\$3 or doped or doping or dopant)) and plasma) and (resist or photo\$resist or photo\$lsensitive or organic) and &ay<=2001 | USPAT | 2004/01/21 15:21 |
| 206 | ((semiconductor and ((oxygen\$ or O7sub.2) with (hydrogen\$ or H7sub.2) with (fluorine\$))) and (implant\$3 or ion\$implant\$3 or doped or doping or dopant)) and plasma) and (resist or photo\$resist or photo\$lsensitive) | USPAT | 2004/01/21 15:23 |
| 20 | ("4778536" "5100505" "5108542" "5147499" "5160765" "5200361" "5296093" "5298112" "5485754" "5628871" "5693147" "5744192" "5773201" "5810929" "5814155" "5851302" "5882489" "5895274" "5925577" "6066508").PN. | USPAT | 2004/01/21 15:43 |
| 8 | ("5034086" "5226056" "5393374" "5567271" "5792314" "5902134" "6024887" "6043004").PN. | USPAT | 2004/01/21 16:41 |
| 3173 | (resist or photo\$resist or photo\$lsensitive) same (oxygen\$ or O7sub.2) same (hydrogen\$ or H7sub.2) | USPAT | 2004/02/02 11:02 |
| 2039 | ((resist or photo\$resist or photo\$lsensitive) same (oxygen\$ or O7sub.2) same (hydrogen\$ or H7sub.2) and plasma | USPAT | 2004/02/02 11:01 |
| 947 | ((resist or photo\$resist or photo\$lsensitive) same (oxygen\$ or O7sub.2) same (hydrogen\$ or H7sub.2) and plasma) and (fluorine or F7sub.2 or fluoride) | USPAT | 2004/02/02 11:01 |
| 768 | ((((resist or photo\$resist or photo\$lsensitive) same (oxygen\$ or O7sub.2) same (hydrogen\$ or H7sub.2)) and plasma) and (fluorine or F7sub.2 or fluoride)) and ((oxygen\$ or O7sub.2) with (hydrogen\$ or H7sub.2)) | USPAT | 2004/02/02 11:06 |
| 515 | (((((resist or photo\$resist or photo\$lsensitive) same (oxygen\$ or O7sub.2) same (hydrogen\$ or H7sub.2)) and plasma) and (fluorine or F7sub.2 or fluoride)) and ((oxygen\$ or O7sub.2) with (hydrogen\$ or H7sub.2))) and (implant\$3 or doping or dopant or doped or ion\$implant\$3) | USPAT | 2004/02/02 11:12 |
| 497 | (((((resist or photo\$resist or photo\$lsensitive) same (oxygen\$ or O7sub.2) same (hydrogen\$ or H7sub.2)) and plasma) and (fluorine or F7sub.2 or fluoride)) and ((oxygen\$ or O7sub.2) with (hydrogen\$ or H7sub.2))) and (implant\$3 or doping or dopant or doped or ion\$implant\$3) and &ay<=2001 | USPAT | 2004/02/02 11:05 |

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| 474 | {{{{{(resist or photo\$iresist or photo\$isensitive) same (oxygen\$ or O7sub.2) same (hydrogen\$ or H7sub.2) and plasma) and (fluorine or F7sub.2 or fluoride)) and ((oxygen\$ or O7sub.2) with (hydrogen\$ or H7sub.2))) and ((implant\$3 or doping or dopant or doped or ion\$implant\$3)) and @ayc=2001) and semiconductor | USPAT | 2004/02/02 11:05 |
| 301 | {{{{{(resist or photo\$iresist or photo\$isensitive) same (oxygen\$ or O7sub.2) same (hydrogen\$ or H7sub.2) and plasma) and (fluorine or F7sub.2 or fluoride)) and ((oxygen\$ or O7sub.2) with (hydrogen\$ or H7sub.2))) and ((implant\$3 or doping or dopant or doped or ion\$implant\$3) same (resist or photo\$iresist or photo\$isensitive)) | USPAT | 2004/02/02 11:13 |
| 163 | {{{{{(resist or photo\$iresist or photo\$isensitive) same (oxygen\$ or O7sub.2) same (hydrogen\$ or H7sub.2) and plasma) and (fluorine or F7sub.2 or fluoride)) and ((oxygen\$ or O7sub.2) with (hydrogen\$ or H7sub.2))) and ((implant\$3 or doping or dopant or doped or ion\$implant\$3) with (resist or photo\$iresist or photo\$isensitive)) | USPAT | 2004/02/02 11:13 |
| 156 | {{{{{(resist or photo\$iresist or photo\$isensitive) same (oxygen\$ or O7sub.2) same (hydrogen\$ or H7sub.2) and plasma) and (fluorine or F7sub.2 or fluoride)) and ((oxygen\$ or O7sub.2) with (hydrogen\$ or H7sub.2))) and ((implant\$3 or doping or dopant or doped or ion\$implant\$3) with (resist or photo\$iresist or photo\$isensitive))) and @ayc=2001 | USPAT | 2004/02/02 11:14 |
| 145 | {{{{{(resist or photo\$iresist or photo\$isensitive) same (oxygen\$ or O7sub.2) same (hydrogen\$ or H7sub.2) and plasma) and (fluorine or F7sub.2 or fluoride)) and ((oxygen\$ or O7sub.2) with (hydrogen\$ or H7sub.2))) and ((implant\$3 or doping or dopant or doped or ion\$implant\$3) with (resist or photo\$iresist or photo\$isensitive))) and @ayc=2000 | USPAT | 2004/02/02 11:14 |
| 16 | ("4063803" "4201579" "4340456" "4817558" "4990229" "5122251" "5262610" "5366557" "5397395" "5429070" "5542559" "5625259" "5747917" "5789322" "5824604" "5895548").PN. | USPAT | 2004/02/02 11:16 |
| 8 | ("5034086" "5226056" "5393374" "5567271" "5792314" "5902134" "6024887" "6043004").PN. | USPAT | 2004/02/02 11:35 |

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| 970 | ((resist or photoresist) same (ash or ashing) same (oxygen or O ₂ sub.2 or CO or NO or (nitrogen adj oxide))) and (doping or dopant or implant or implanting or implanted)) and plasma | USPAT | 2004/01/14 13:45 |
| 593 | ((resist or photoresist) same (ash or ashing) same (oxygen or O ₂ sub.2 or CO or NO or (nitrogen adj oxide))) and (doping or dopant or implant or implanting or implanted)) and plasma and (hydrogen or H ₂ sub.2 or "H.sub.2 O" or CH ₂ sub.4 or "C.sub.2 H.sub.6") | USPAT | 2004/01/14 13:47 |
| 402 | ((resist or photoresist) same (ash or ashing) same (oxygen or O ₂ sub.2 or CO or NO or (nitrogen adj oxide))) and (doping or dopant or implant or implanting or implanted)) and plasma and (hydrogen or H ₂ sub.2 or "H.sub.2 O" or CH ₂ sub.4 or "C.sub.2 H.sub.6") and (fluorine or fluoride or NF ₂ sub.3 or F ₂ sub.2 or SF ₂ sub.6) | USPAT | 2004/01/14 13:49 |
| 348 | ((resist or photoresist) same (ash or ashing) same (oxygen or O ₂ sub.2 or CO or NO or (nitrogen adj oxide))) and (doping or dopant or implant or implanting or implanted)) and plasma and (hydrogen or H ₂ sub.2 or "H.sub.2 O" or CH ₂ sub.4 or "C.sub.2 H.sub.6") and (fluorine or fluoride or NF ₂ sub.3 or F ₂ sub.2 or SF ₂ sub.6) and @ay<2000 | USPAT | 2004/01/14 13:50 |
| 344 | ((resist or photoresist) same (ash or ashing) same (oxygen or O ₂ sub.2 or CO or NO or (nitrogen adj oxide))) and (doping or dopant or implant or implanting or implanted)) and plasma and (hydrogen or H ₂ sub.2 or "H.sub.2 O" or CH ₂ sub.4 or "C.sub.2 H.sub.6") and (fluorine or fluoride or NF ₂ sub.3 or F ₂ sub.2 or SF ₂ sub.6) and @ay<2000 and (boron or phosphorus or arsenic or As) | USPAT | 2004/01/14 13:51 |
| 101 | ((resist or photoresist) same (ash or ashing) same (oxygen or O ₂ sub.2 or CO or NO or (nitrogen adj oxide))) and (doping or dopant or implant or implanting or implanted)) and plasma and (hydrogen or H ₂ sub.2 or "H.sub.2 O" or CH ₂ sub.4 or "C.sub.2 H.sub.6") and (fluorine or fluoride or NF ₂ sub.3 or F ₂ sub.2 or SF ₂ sub.6) and @ay<2000 and (boron or phosphorus or arsenic or As)) and plasma.ab. | USPAT | 2004/01/14 13:52 |
| 14 | ("4296146" "4778536" "4861424" "4944837" "5013366" "5037506" "5298112" "5382316" "5401322" "5403436" "5643474" "5651860" "6024801" "6149828").PM. | USPAT | 2004/01/14 14:50 |
| 657 | semiconductor and ((oxygen\$ or O ₂ sub.2) with (hydrogen\$ or H ₂ sub.2) with (fluorine\$)) | USPAT | 2004/01/21 15:16 |
| 360 | (semiconductor and ((oxygen\$ or O ₂ sub.2) with (hydrogen\$ or H ₂ sub.2) with (fluorine\$))) and (implant\$3 or ion\$implant\$3 or doped or doping or dopant) | USPAT | 2004/01/21 15:19 |
| 322 | (semiconductor and ((oxygen\$ or O ₂ sub.2) with (hydrogen\$ or H ₂ sub.2) with (fluorine\$))) and (implant\$3 or ion\$implant\$3 or doped or doping or dopant)) and plasma | USPAT | 2004/01/21 15:19 |